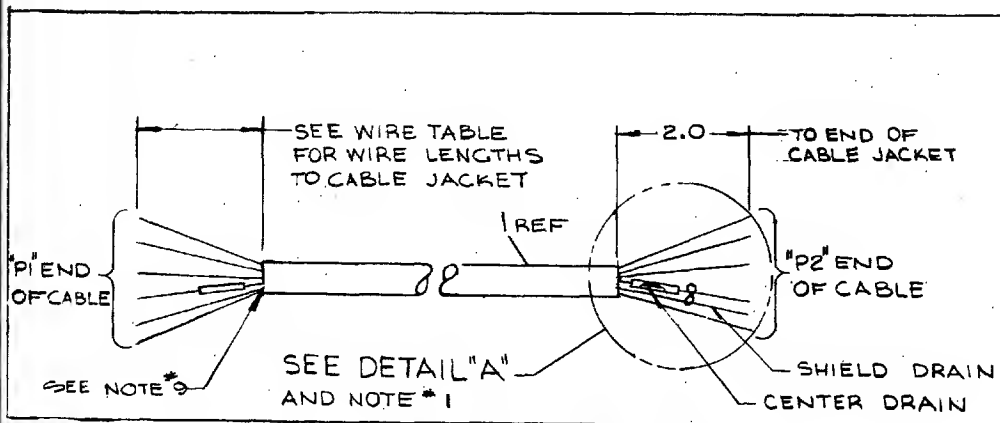
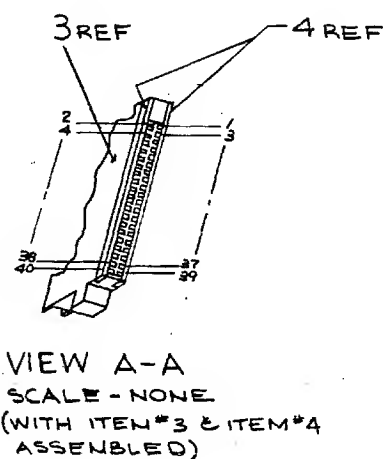
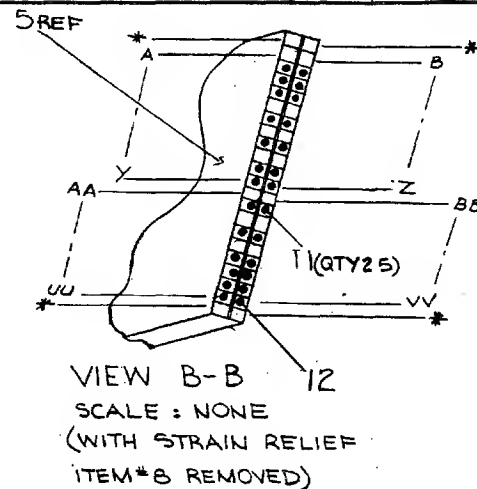
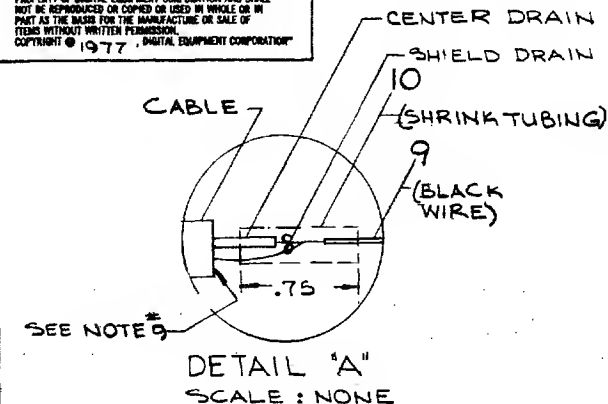


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LEGEND		
NUMBER	DIM "X" VARIATION	DIM "Y" (PRECUT) REF
BC80J-10	10FT-0IN. ± 2 IN.	10FT-4.50 IN.
BC80J-20	20FT-0IN. ± 3 IN.	20FT-4.50 IN.
BC80J-30	30FT-0IN. ± 6 IN.	30FT-4.50 IN.
BC80J-50	50FT-0IN. ± 1 FT.	50FT-4.50 IN.
BC80J-75	75FT-0IN. ± 1 FT. 6 IN.	75FT-4.50 IN.
BC80J-04	4 FT-0IN. ± 1 IN.	4 FT-4.50 IN.
BC80J-06	6 FT-0IN. ± 2 IN.	6 FT-4.50 IN.

NOTE:

1. CUT CENTER & SHIELD DRAIN BACK TO 1.0 IN. FROM JACKET AND STRIP INSULATION OF CENTER DRAIN APPROXIMATELY .30 IN., THEN USING BLACK WIRE (ITEM 9) AND STRIPPING INSULATION ON ONE END APPROXIMATELY .30 IN. TWIST TOGETHER STRIPPED AREAS OF CENTER DRAIN AND BLACK WIRE ALONG WITH SHIELD DRAIN AND SOLDER CAREFULLY THEN APPLY SHRINK TUBING (ITEM 10) OVER SOLDERED AREA. (SEE DETAIL "A.")

2. AFTER ASSEMBLING WIRES TO PLUG (P1) INSTALL CONTACT COVER (ITEM 4) OVER CONTACTS.

3. CUT BACK WHT WIRE TO CABLE JACKET BOTH ENDS OF CABLE.

4. SCREWS (#2 X .3 LG SELF TAPPING) ARE PART OF PLUG HOUSING AND CAMSHAFT KIT (ITEM #2)

5. REF ONLY, CONTACT (DEC. PART # 1211501-27) FOR REPLACEMENT ONLY

6. PRIOR TO SNAPPING SIDES OF PLUG HOUSING TOGETHER CARE SHOULD BE TAKEN TO ASSURE THAT ALL WIRES ARE SUFFICIENTLY WITHIN HOUSING TO PREVENT PINCHING OF INDIVIDUAL STRANDS

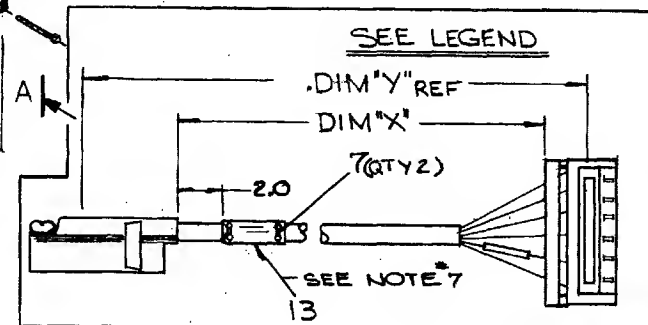
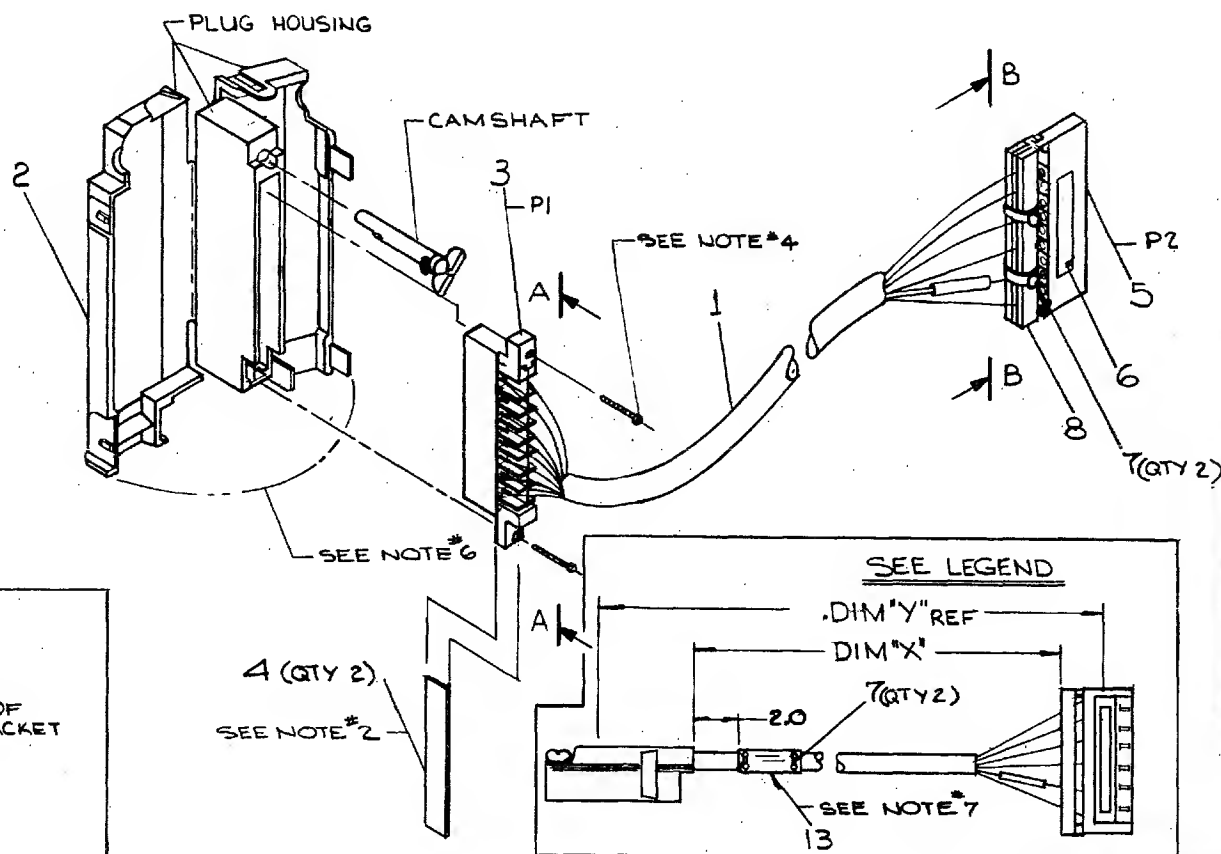
7. CABLE TO BE MARKED WITH PART NUMBER BC80J & REV IN AREA SHOWN

8. \* DENOTES CAVITIES NOT TO BE USED OR DESIGNATED BY LETTERS

9. ALTERNATE PART NO. FOR ITEM #1 (1700051-01) IS 1700051-00. WHEN USING THIS ALTERNATE PART CUT OFF UNUSED CONDUCTORS AT BOTH ENDS OF CABLE JACKET.

FOR WIRE TABLE SEE SHEET #2

FOR PARTS LIST SEE K-PL-BC80J-0-0



QUANTITY & VARIATION		DESCRIPTION		DWG./PART NO.		ITEM NO.	
THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES 30° 30'		CLASS OF ACCURACY		NOMINAL DIMENSION RANGE INCHES			
SURFACE QUALITY IN"		CHECK ONE		OVER 0.2 TO 0.4		OVER 0.4 TO 0.6	
MICROWAVES		PREFERRED		0.004		0.006	
				0.012		0.018	
				0.025		0.04	
				0.06		0.1	
				0.12		0.2	
				0.25		0.5	
				0.5		1.0	
				1.0		2.0	
				2.0		4.0	
				4.0		8.0	
				8.0		16.0	
				16.0		32.0	
				32.0		64.0	
				64.0		128.0	
				128.0		256.0	
				256.0		512.0	
				512.0		1024.0	
				1024.0		2048.0	
				2048.0		4096.0	
				4096.0		8192.0	
				8192.0		16384.0	
				16384.0		32768.0	
				32768.0		65536.0	
				65536.0		131072.0	
				131072.0		262144.0	
				262144.0		524288.0	
				524288.0		1048576.0	
				1048576.0		2097152.0	
				2097152.0		4194304.0	
				4194304.0		8388608.0	
				8388608.0		16777216.0	
				16777216.0		33554432.0	
				33554432.0		67108864.0	
				67108864.0		134217728.0	
				134217728.0		268435456.0	
				268435456.0		536870912.0	
				536870912.0		1073741824.0	
				1073741824.0		2147483648.0	
				2147483648.0		4294967296.0	
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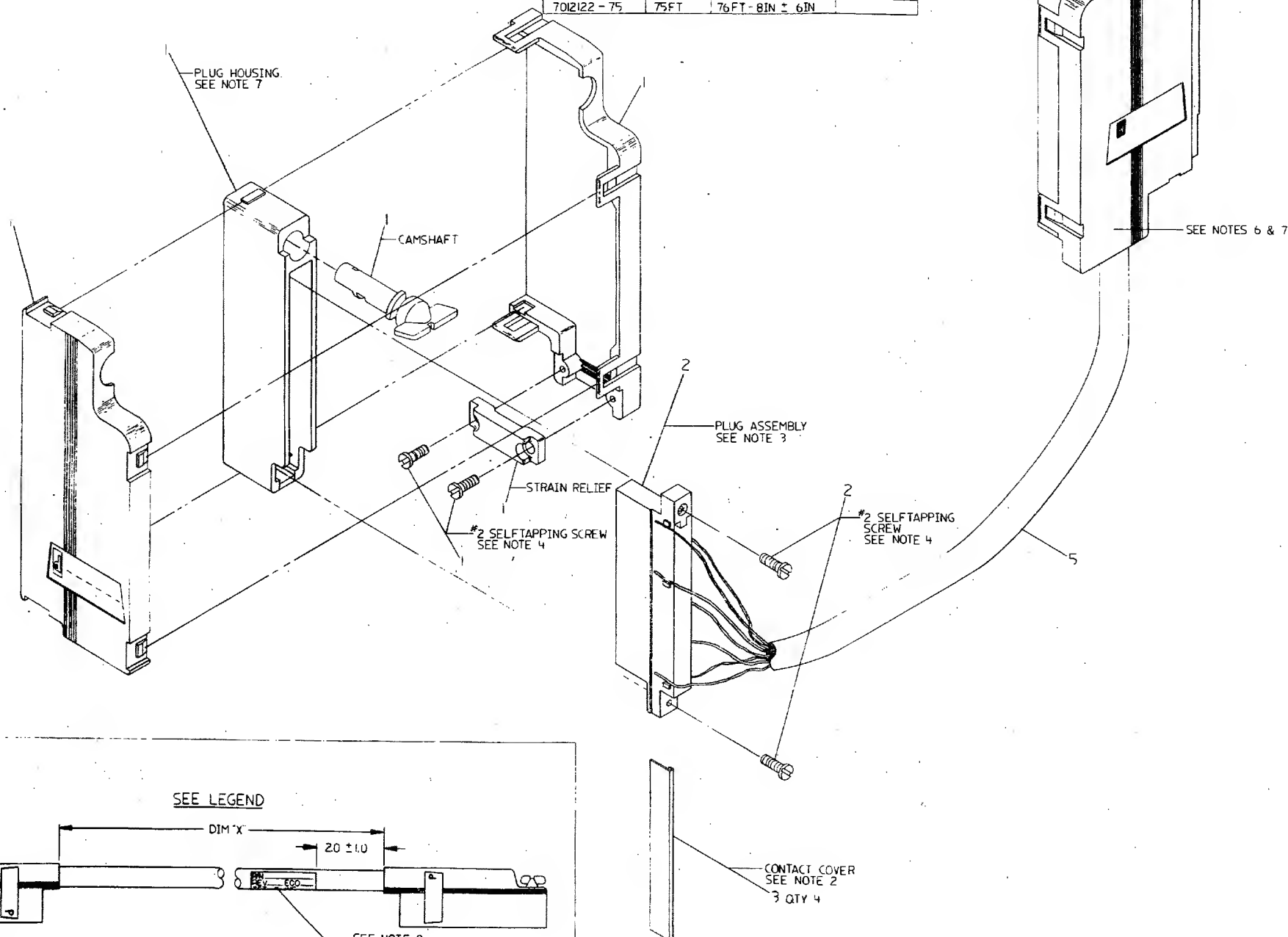
WIRE TABLE									
ITEM NO.	WIRE LENGTH TO CABLE JACKET	DESCRIPTION		FROM		TO		SIGNAL NAME	REMARKS
		TWP	COLOK	CONN	TERM	CONN	TEKM		
1				PI-1		P2-A			NO CONN
1				PI-2		P2-B			
	2.50	TWP	RED	PI-3		P2-C	ITEM#11	DRV ERR +	
	2.50		WHT/RED	PI-4		P2-D		DRVERR-	
	2.38	TWP	RED	PI-5		P2-E		DRV RDY+	
	2.38		WHT/GRN	PI-6		P2-F		DRV RDY-	
	2.25	TWP	RED	PI-7		P2-H		SEC PLS+	
	2.25		WHT/ORN	PI-8		P2-J	ITEM#11	SEC PLS-	
				PI-9		P2-K			NO CONN
				PI-10		P2-L			
	2.00	TWP	RED	PI-11		P2-M	ITEM#11	STAT CLK +	
	2.00		WHT/YEL	PI-12		P2-N	ITEM#11	STAT CLK-	
				PI-13		P2-P			NO CONN
				PI-14		P2-R			
	1.75	TWP	RED	PI-15		P2-S	ITEM#11	STAT IN+	
	1.75		WHT/BLK/RED	PI-16		P2-T	ITEM#11	STAT IN-	
				PI-17		P2-U			NO CONN
				PI-18		P2-V			
	1.62	TWP	RED	PI-19		P2-W	ITEM#11	READ DATA +	
	1.62		WHT/BLK/ORN	PI-20		P2-X		READ DATA -	
	1.50	TWP	RED	PI-21		P2-Y		DRIVE CMND+	
1	1.50		WHT/BLK/BLU	PI-22		P2-Z	ITEM#11	DRIVE CMND-	

WIRE TABLE									
ITEM NO.	WIRE LENGTH TO CABLE JACKET	DESCRIPTION		FROM		TO		SIGNAL NAME	REMARKS
		TWP	COLOR	CONN	TERM	CONN	TERM		
1				PI-23		P2-AA			NO CONN
1				PI-24		P2-BB			
	1.38	TWP	RED	PI-25		P2-CC	ITEM#11	WRT DATA -	
	1.38		WHT/BLK/BRN	PI-26		P2-DD	ITEM#11	WRT DATA +	
				PI-27		P2-EE			NO CONN
				PI-28		P2-FF			
	1.25	TWP	RED	PI-29		P2-HH	ITEM#11	SYS CLK -	
	1.25		WHT/GRN/RED	PI-30		P2-JJ	ITEM#11	SYS CLK +	
				PI-31		P2-KK			NO CONN
				PI-32		P2-LL			
	1.13	TWP	RED	PI-33		P2-MM	ITEM#11	WRT GATE -	
	1.13		WHT/GRN/BLU	PI-34		P2-NN		WRT GATE +	
	1.00	TWP	RED	PI-35		P2-PP		DRV SEL I -	
	1.00		WHT/GRN/YEL	PI-36		P2-RR		DRV SEL I +	
	.88	TWP	RED	PI-37		P2-SS		DRV SEL 0 -	
	.88		WHT/GRN/BLU	PI-38		P2-TT		DRV SEL 0 +	
	.75	TWP	YEL	PI-39		P2-UU	ITEM#11	DC OK	
			WHT						SEE NOTE 3
1	1.75		BLK	PI-40		P2-VV	ITEM#12	GND	SEE DETAIL 1 & NOTE 1

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE CABLE CONTROLLER (RL8A)		SIZE CODE DUA	NUMBER BC80J-0-0	REV.
SCALE	SHEET 2 OF 2	DIST.		

LEGEND			
NUMBER	DIM 'X'	PRE-CUT LENGTH	REMARKS
7012122-06	6 FT	7 FT-8 IN $\pm$ 2 IN	
7012122-08	8 FT	9 FT-8 IN $\pm$ 2 IN	
7012122-10	10 FT	11 FT-8 IN $\pm$ 2 IN	
7012122-12	12 FT	13 FT-8 IN $\pm$ 3 IN	
7012122-20	20 FT	21 FT-8 IN $\pm$ 3 IN	
7012122-25	25 FT	26 FT-8 IN $\pm$ 3 IN	
7012122-30	30 FT	31 FT-8 IN $\pm$ 6 IN	
7012122-40	40 FT	41 FT-8 IN $\pm$ 6 IN	
7012122-50	50 FT	51 FT-8 IN $\pm$ 6 IN	
7012122-60	60 FT	61 FT-8 IN $\pm$ 6 IN	
7012122-75	75 FT	76 FT-8 IN $\pm$ 6 IN	



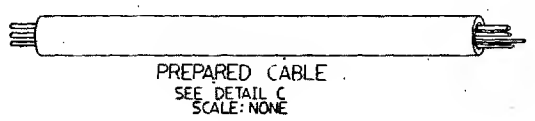
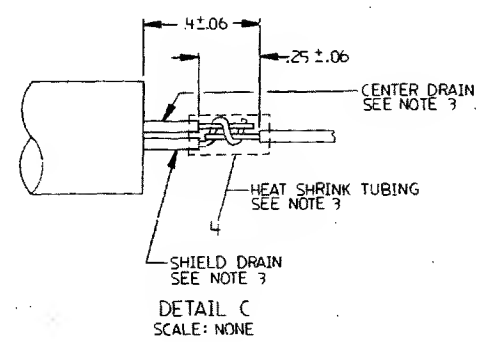
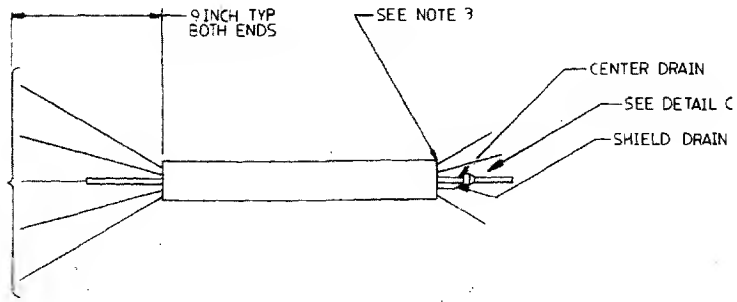
NOTES:

1. "CUT AND REMOVE 9.0  $\pm$  .5 INCHES OF THE OUTER CABLE JACKET FROM BOTH ENDS OF CABLE. CAUTION: DO NOT CUT OR NICK DRAIN WIRE UNDER OUTER JACKET. REMOVE THE MYLAR WRAP AND ALUMINUM SHIELD FLUSH TO JACKET."
2. "AMP SEMI-AUTOMATIC INSERTION MACHINES (CHAMPAMPATOR OR CHAMPAMP) MUST BE USED TO TERMINATE THE LEADS TO PLUG ASSEMBLIES ITEM 2. THE STANDARD CABLE CLAMP SUPPLIED WITH THE AMP MACHINES MAY REQUIRE MODIFYING TO TERMINATE CABLE. ITEM 5, TO PLUG ASSEMBLY, ITEM 2, PER DETAIL B. AFTER ASSEMBLY OF WIRES TO PLUG, INSTALL COVER, ITEM 3, TO EACH SLOP OF PLUG."
3. "THE DRAIN WIRE AND INNER GND WIRE MUST BE PREPARED AS FOLLOWS BEFORE TERMINATING CABLE TO PLUG. THESE PROCEDURES ARE DESCRIBED IN DEC ASSEMBLY PROCESSES FOR THIS ASSEMBLY. A SIGNED DISCLOSURE STATEMENT IS REQUIRED TO OBTAIN COPIES OF ANY DEC PROCESS SPECIFICATION."
- 3.1 "CUT BACK THE CENTER BLACK GND WIRE .4  $\pm$  .1 INCH ABOVE CABLE, STRIP END .25  $\pm$  .06 INCH."
- 3.2 "FIND AND SEPARATE THE SOLID WHITE AND YELLOW PAIRED WIRES. CUT THE WHITE WIRE FLUSH WITH JACKET. STRIP END OF LOOSE WHITE WIRE .25  $\pm$  .06 INCH."
- 3.3 "POSITION STRIPPED END OF WHITE WIRE PARALLEL TO THE STRIPPED END OF THE BLACK GND WIRE. WRAP THE DRAIN WIRE AROUND THE STRIPPED END OF THE BLACK AND WHITE WIRE 2-4 TIMES. SOLDER WIRE SPLICE AND CUT OFF END OF DRAIN FLUSH WITH SPLICE."
4. "COVER SPLICE WITH 0.5  $\pm$  .06 INCH OF SHRINK TUBING, ITEM 4, TWIST THE WHITE AND YELLOW WIRES (PREVIOUSLY SEPARATED) BACK TOGETHER FOR APPROXIMATELY (3) THREE INCHES."
4. "SCREWS (2 X .31 S.I.T.) ARE PART OF ITEM 1. TORXDRIVE SCREWS TO 2.5  $\pm$  .5 INCHES CABLE CLAMP SHOULD BE CLAMPED IN POSITION BEFORE INSTALLING SCREWS. CABLE CLAMP MUST BE FLUSH TO HOUSING BOTH SIDES."
5. "ACTIVE CONTACT (DEC 1211591-27) AND BLACK 28 AWG WIRE (DEC 9107769-04) IS FOR PRODUCTION REPAIR ONLY. REF AMP CONTACT (66555-3 L.P.) HARD CRIMP TOOL (920209-1) EXTRACTION TOOL(C9111-1)."
6. "BAG, ITEM 8, TO BE INSTALLED OVER EACH CONNECTOR AND SECURED AFTER COMPLETION OF ASSEMBLY."
7. "PRIOR TO SHAPING SIDES OF HOUSING TOGETHER, ASSURE THAT ALL WIRES ARE WELL WITHIN HOUSING."
8. "LABEL, ITEM 9, TO CONTAIN:  
ASSEMBLY P/N  
REVISION (LEVEL)  
MFG (PLACE OF BUILD) (DATE OF MFG)  
TEST (STAMP) INSP. (STAMP)"
9. "DEC STANDARD 116 (WORKMANSHIP) APPLIED TO THIS ASSEMBLY."
10. "PACK SHIPPING CONTAINER AS TO:  
ASSEMBLY NO.  
REVISION (LEVEL)  
MFG BY  
DATE  
QTY

CAUTION: OFF SHEET PARTS LIST EXISTS.  
SEE K-PL-7012122-0-DBP (Z1758)

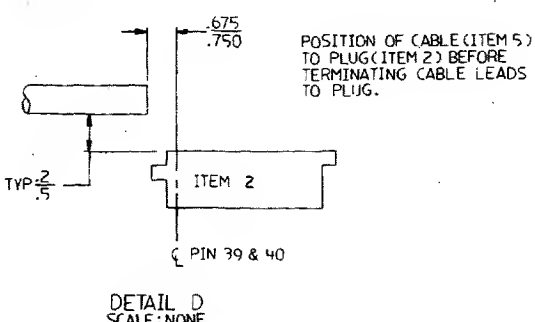
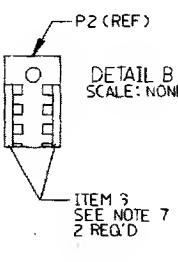
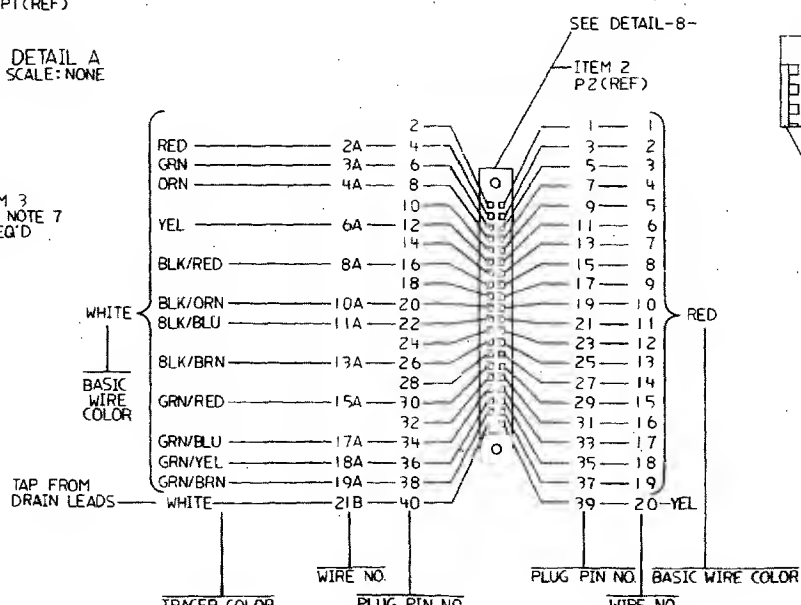
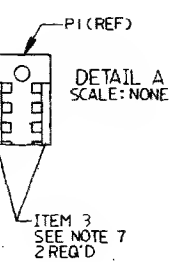
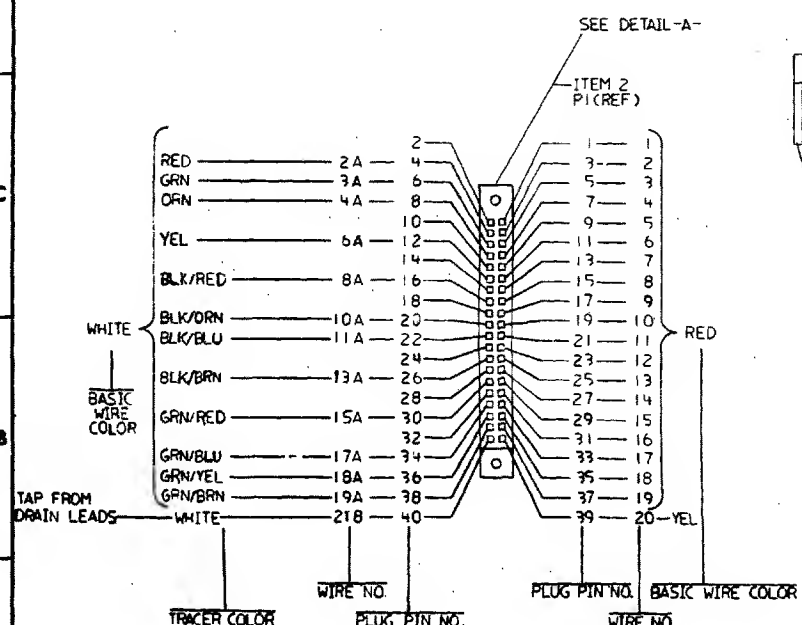
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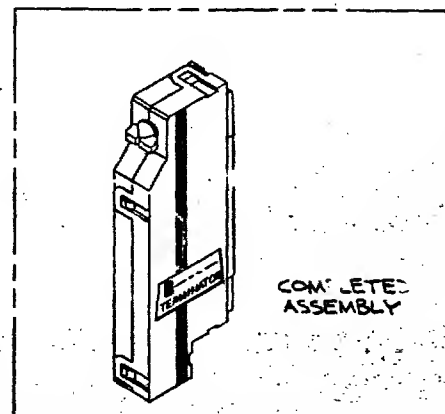
WIRE NO.	FROM CONNECTOR PLUG	PLUG PIN NO.	BASIC WIRE COLOR	WITH TRACER COLOR	TO CONNECTOR PLUG	PLUG PIN NO.	REMARKS
1							TWISTED PAIR
1A							
2	P1	3	RED		P2	3	
2A		4	WHT	RED		4	
3		5	RED			5	
3A		6	WHT	GRN		6	
4		7	RED			7	
4A		8	WHT	ORN		8	
5							
5A							
6		11	RED			11	
6A		12	WHT	YEL		12	
7							
7A							
8		15	RED			15	
8A		16	WHT	BLK/RED		16	
9							
9A							
10		19	RED			19	
10A		20	WHT	BLK/ORN		20	
11		21	RED			21	
11A		22	WHT	BLK/BLU		22	
12							
12A							
13		25	RED			25	
13A		26	WHT	BLK/BRN		26	
14							
14A							
15		29	RED			29	
15A		30	WHT	GRN/RED		30	
16							
16A							
17		33	RED			33	
17A		34	WHT	GRN/BLU		34	
18		35	RED			35	
18A		36	WHT	GRN/YEL		36	
19		37	RED			37	TWISTED PAIR
19A		38	WHT	GRN/BRN		38	
20		39	YEL			39	
20A			WHT				
21	P1	SEE 21B	WHT		P2	SEE 21B	SHIELD DRAIN
21A							JUMP SHIELD & CENTER DRAIN TOGETHER PER DETAIL-C & TERMINATE WHT WIRE (21B) IN PIN 40.
21B	P1	40	WHT		P2	40	CENTER DRAIN WIRE
							GND WIRE

CUT WIRE NO. 20A OFF AT JACKET (SEE NOTE 3)  
JUMP SHIELD & CENTER DRAIN TOGETHER PER DETAIL-C & TERMINATE WHT WIRE (21B) IN PIN 40.




POSITION OF CABLE (ITEM 5) TO PLUG (ITEM 2) BEFORE TERMINATING CABLE LEADS TO PLUG.

PIN 39 & 40



COMPLETED  
ASSEMBLY

[illegible]

PARTS IDENTIFICATION 		QWNTY <u>1</u> <u>7-2072</u> QWNTY <u>1</u> <u>61072</u> SERIAL <u>100000</u> PRCL. QWNTY <u>1</u> <u>61072</u> PRCL. <u>100000</u> <u>61072</u>		PART USED ON <u>EK06</u> <span style="border: 1px solid black; padding: 2px;">11-10-68</span>	
ADVISE REPAIR AND SERVICE BONDING OFFICER		TITLE <h1 style="text-align: center;">TERMINATOR ASSY</h1>			
DO NOT SCALE DWS		NEXT NUMBER CONT.			
MATERIAL <h2 style="text-align: center;">SEE PARTS LIST</h2>		EJA-RK61-0-Φ SCALE: NONE		SIZE <b>D</b>	CODE <b>TA</b>
PARTS QWNTY <u>1</u> <u>61072</u> QWNTY <u>1</u> <u>61072</u>		QWNTY <u>1</u> <u>61072</u> QWNTY <u>1</u> <u>61072</u>		NUMBER <h2 style="text-align: center;">7012293-0-0</h2>	
				REV. <b>A</b>	